

APDS7311 ICE TASK 1

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Group 1

VC WATERFALL

1. Loshin (2024) Application Security refers to the process of adding, developing, and testing security features of applications to prevent threat actors from accessing your application via security vulnerabilities.

2. Egret (2017) Untrusted Data should not be trusted and should be handled with extra caution. Malformed data could be used to abuse application logic, deny service, or execute arbitrary code when deserialized.

3. Sanjay977hqgl (2024) HTTP is a request-response protocol that facilitates traffic by routing requests from clients (using web browsers, crawlers, and other routines) to a server listening to requests on a predetermined port. Plenty of methods can be used to increase website traffic, this includes Search Engine Optimization (SEO) which involves optimising your website for it to be displayed first when someone searches for specific phrases.

4. IBM (2024) Error hiding refers to the act of catching an error or exception during runtime without logging or handling that error. Users will not know when something went wrong or why an action was not done because no error messages were displayed to them.

Lava flow is the process of retaining redundant or low-quality code because it will be too costly to remove them, and it may have unpredictable consequences.

5. Akashchouhan16 (2024) :

* The user accesses the application and is welcomed by a login page.
* The user inputs the required credentials and submits that data.
* The system validates that the credentials entered are in the correct format.
* The credentials are transferred via an HTTP post (Not advised).
* The server authenticates the data.
* The server response is sent to the client indicating whether the authentication was successful or not.
* The client stores the token (if successful).
* The user gets redirected to the next logical page. For example, the home page or the page they were trying to access before the login redirect.

# REFERENCE LIST

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